

Title (en)
Liquid crystal display device.

Title (de)
Flüssigkristallanzeigevorrichtung.

Title (fr)
Dispositif d'affichage à cristal liquide.

Publication
EP 0447621 B1 19950816 (DE)

Application
EP 90121522 A 19901110

Priority
DE 4009058 A 19900321

Abstract (en)
[origin: EP0447621A2] A liquid crystal display device is proposed having an insulating layer arranged in the interior on one substrate, which device bears on one surface a plurality of control electrodes and on its other surface the associated supply leads and which has cutouts for the electrical connection of the control electrodes to the associated supply leads.

IPC 1-7
G02F 1/1345; **G02F 1/1333**

IPC 8 full level
G02F 1/133 (2006.01); **G02F 1/1333** (2006.01); **G02F 1/1343** (2006.01); **G02F 1/1345** (2006.01)

CPC (source: EP)
G02F 1/1345 (2013.01)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0447621 A2 19910925; **EP 0447621 A3 19920325**; **EP 0447621 B1 19950816**; DE 4009058 A1 19910926; DE 59009538 D1 19950921; JP H04221932 A 19920812; NO 911120 D0 19910320; NO 911120 L 19910923

DOCDB simple family (application)
EP 90121522 A 19901110; DE 4009058 A 19900321; DE 59009538 T 19901110; JP 5207291 A 19910318; NO 911120 A 19910320